G dur4c

ABSTRACT OF THE DISCLOSURE

A multifunction image-transfer system with printing, scanning, digital copying, and facsimile capabilities detects skew as sheet media is fed. A skew processor digitally skews image data as a function of sheet-feed skew detected by skew detectors. In the context of a

5   scanning operation, an image-bearing document is fed to a scanner device, which generates a digital raster image. A buffer stores portions of the digital image as it is transferred. The image data in the buffer is digital skew-compensated before it is transferred to a host computer. In the context of a printing operation, raster print data is stored in the memory buffer and then skew compensated before the image is printed to the print media. The digital

10   skew compensation allows mechanical tolerances in such systems to be relaxed and system lifetimes to be lengthened since "true" images can result despite moderate media skew.